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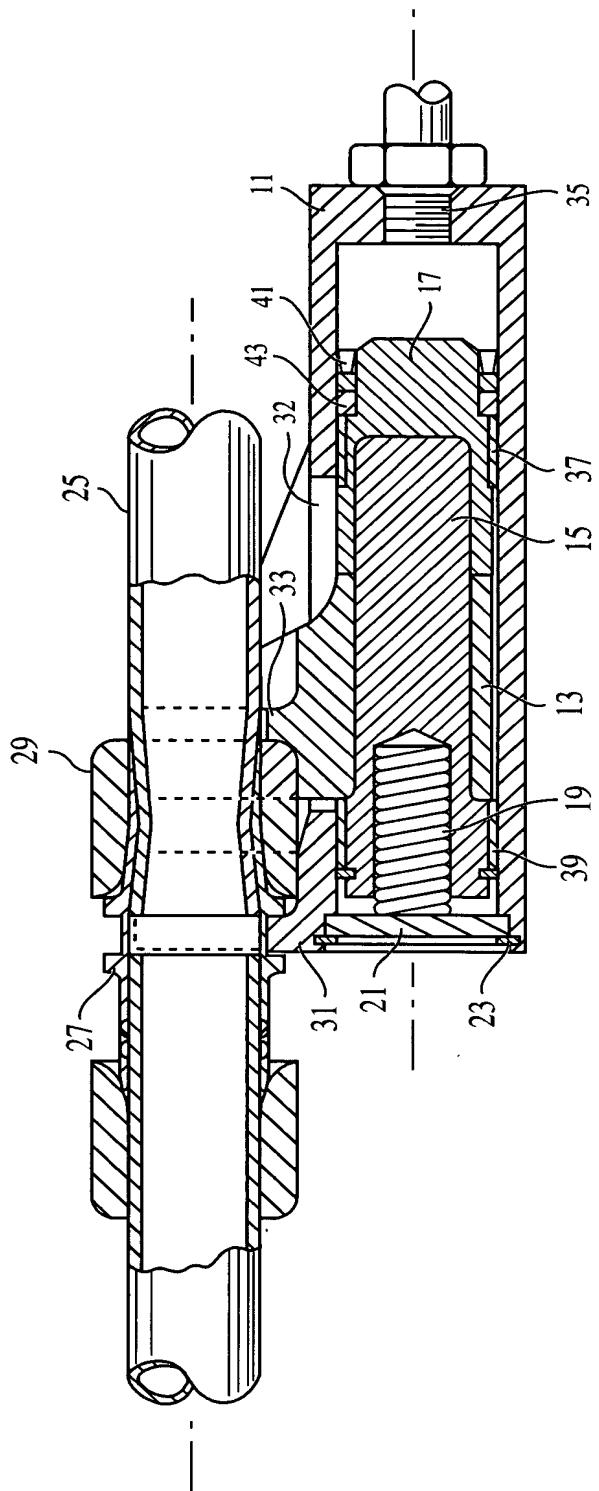


FIG. 1
PRIOR ART

4 a rotatable shaft operatively coupled to the motor;
5 a roller affixed to the shaft;
6 an idler disposed opposite the roller, the idler and the roller engagable with
7 one another to form a nip therebetween;
8 bearings mounted to the chassis and supporting the shaft, each bearing
9 having a cylindrical inner bearing surface; and
10 the shaft having a spherical journal surface inside and rotatable against each
11 bearing surface.

1 10. The mechanism of Claim 9, wherein each bearing includes a bushing
2 defining the bearing surface and a body holding the bushing.

1 11. The mechanism of Claim 10, wherein each bushing is pressed or over-
2 molded into the body of the bearing.

1 12. The mechanism of Claim 11, further comprising a part mounting each of
2 the bearings to the chassis.

1 13. The mechanism of Claim 11, further comprising a part mounting each of
2 the bearings to the chassis and the body of each bearing is integral with the
3 mounting part.

1 14. A printer, comprising:
2 a chassis;
3 a print engine;
4 a feed mechanism operative to move media sheets along a media path
5 through the print engine;
6 a printer controller configured to control the operation of the print engine and
7 the feed mechanism; and
8 the feed mechanism including
9 a motor mounted to the chassis,
10 a rotatable shaft operatively coupled to the motor,
11 a roller affixed to the shaft,

12 an idler disposed opposite the roller, the idler and the roller engagable
13 with one another to form a nip therebetween,
14 bearings mounted to the chassis and supporting the shaft, each bearing
15 having a cylindrical inner bearing surface, and
16 the shaft having a spherical journal surface inside and rotatable against
17 each bearing surface.

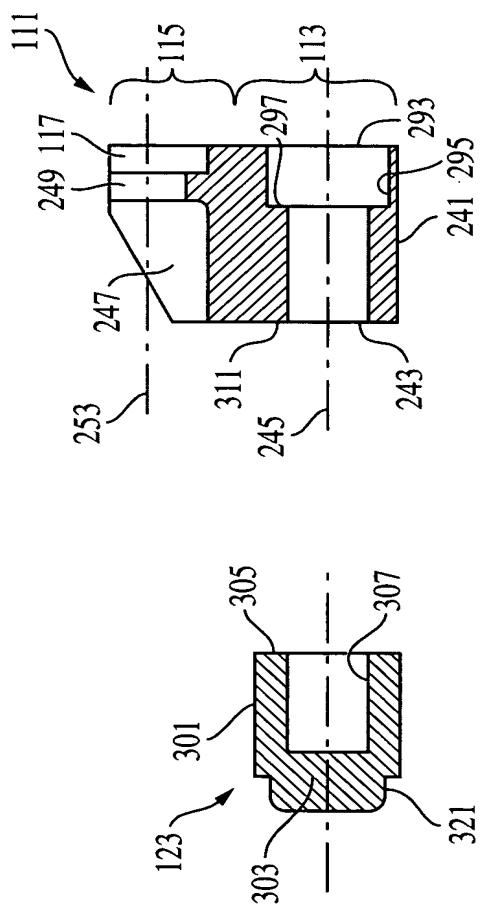


FIG. 6A

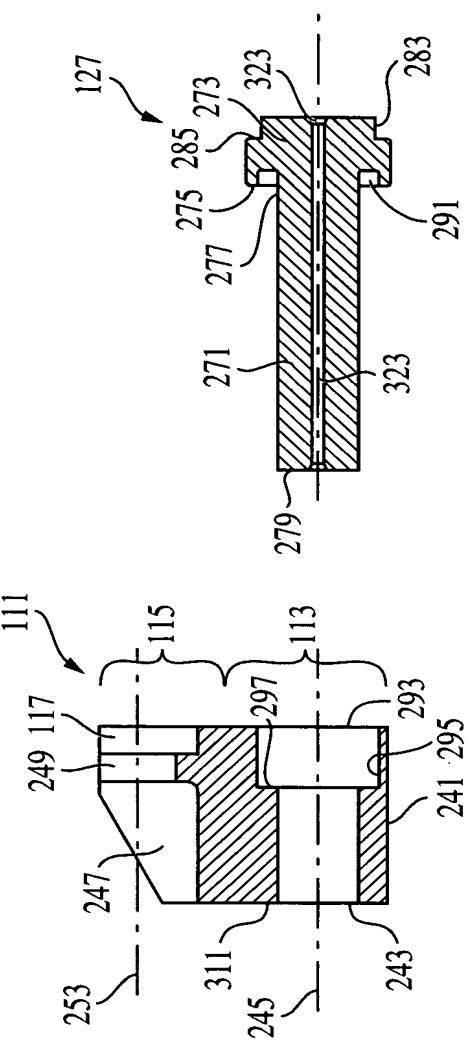


FIG. 6B

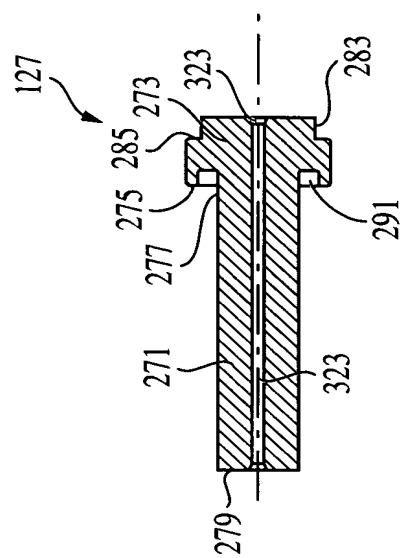


FIG. 6C

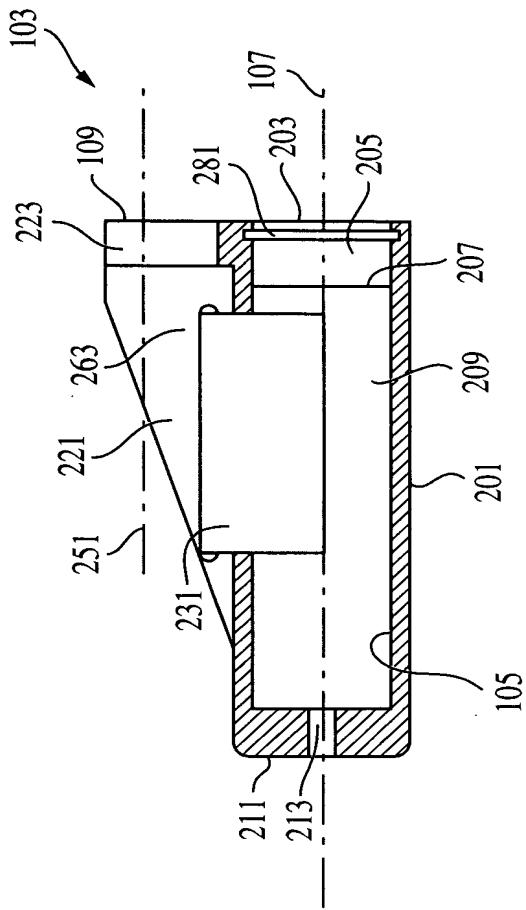


FIG. 6D